SEQUENCE LISTING

<110> Chung, Leland Hsieh, Chia-Ling Koeneman, Kenneth S. Yeung, Fan <120> OSTEONECTIN BASED TOXIC GENE THERAPY FOR THE TREATMENT OF CALCIFIED TUMORS AND TISSUES <130> 9426-023-999 <140> 10/070,350 <141> 2001-02-27 <150> US 60/136,440 <151> 1999-05-28 <160> 12 <170> FastSEQ for Windows Version 4.0 <210> 1 <211> 2313 <212> DNA <213> Homo sapiens <400> 1 gaattoottg tactttttt cocttotoag ttotgoactt aactogtota aaaaaattaa 60 aaaagaattt aagaaaccac aaagctaagc tgggtgcggt ggctcacgcc tgtaatccta 120 gcactttggg aagccaaggc attcggattg cccaagctca ggagttcgag accagcctgg 180 240 gcaacatgtt gaaaccccat ttctactaaa aatacaataa attagctggg tgttgtggca 300 tgtgcgcctg taatcccagc tactctggag gctgaggcgc gataattgct tgaacccggg aggcagaggt tgcagtgagc cgaaatcata ccactgcact ccagcctggg cgacagagtg 360 agtgagactc tgtctcaaaa caaaacaaaa caaacaaaca aaaaaaccgg aaaccaacaa 420 aactttttga ggaacaaagg gaaccaggta ttttattaat tctcatacct ccagagtgtt 480 540 aggcacaaaa taaacattca accaagacct gttgcactga gcagttcata tataacagga gtgacccaag ttgaaacgta gaatcagccc tctcatacca ctttttgcca ggtgatcata 600 ggcaagttac ttagcatcta tgtttcctta ttattaaaat ggtcataatt acaatgccta 660 agataagggg gttgctgtga agattattaa atcctcagta aactttggct attgttactc 720 ctatgattat catcaatatc atcaattacc ttatctgttc aatactggtg gcacaggtcc 780 accagctaga tgtctaatcc cttatgtgtc tattagtggt acaagtggag tttgagtggg 840 atttttttt ttttttaa gaccagttcc aaatcatcaa ggatgatacc actagtagca 900 gcttgtcttg tctgtacagt ggtaagtcct ggccttgcct ttgtggcaaa tacaaccccc 960 ttgaattgct tggcccttct cagcattgcc taatattagg gaggactcct gtaaagctca 1020 ctggttagaa gatcaagaca cttgggcctg gttctgcccc tggggggccat tgggtaattc 1080 1140 cttssagtct ccaggcctca cttgccctct gaacaagaaa gaggcctgtt ctggtcatcc ctccagcctg tccagccctg gcactctgtg agtcggttta ggcagcagcc ccggaacaga 1200 1260 tgaggcaggc agggttggga cgtttggtca ggacagccca ccgcaaaaag aggaggaaag 1320 aaatgaaaga cagagacagc tttggctatg ggagaaggag gaggccgggg gaaggaggag acaggaggag gagggaccac ggggtggagg ggagatagac ccagcccaga gctctgagtggtttcctgtt gcctgtctct aaacccctcc acattcccgc ggtccttcag actgcccgga 1380 1440 gagogogoto tgootgoogo otgootgoot gooactgagg tatgtgtgac coccgoocag 1500 cettteeett etatagttge accaaceeeg acaeeeeegt teaegeegte agetegtgtg 1560 caagggaggg aagetetget gaggatgege eteteeteee ggeteeatea eggeteeeet 1620 taagagcatg geeeteggte etgtetgeet gttgetttte agaaggtgga eteactgtgt 1680 aactttgtot tooottacag gtttacagga aaataatoto actatgttot togggggago 1740 attttctcac tototgtttt tototgtgtc tgtctctggt ttcagaggct gcctgcctgt 1800 cetetttget ecettigeaa atgtggeage electeelit eetgggaate igateecate 1860

1920

1980

2040

acagetgeea cagggaectg gecageaace ggagtetgte etecagatet eggteagggg

ttctgttttc caaaaaggga ctttgcagaa caatcagttg atctctgaaa gggaaagggg

gaggetteae cattaateea cacctetggg aagettetgt ttteetetaa tteteeteae

teceaaacae cacetteegt eeeeccaata cacaaattte ageaceatte tgeetgaaat ggeaceatea caaceteagt ettgggttag gtgttgttee tgteetgagt teettgggat ggtaaacaca ggeagtagee ettagtttat etagatetga aaacecagae ateagatate gteaaceaag acatgggtgt aatgggaggt ggagtgtget gggggagata tteteagaag ggggaaaggg ggaagggaag	2100 2160 2220 2280 2313
<210> 2 <211> 574 <212> DNA <213> Homo sapiens	
<pre><400> 2 actagtagca gcttgtcttg tctgtacagt ggtaagtcct ggccttgcct ttgtggcaaa tacaaccccc ttgaattgct tggccctcct cagcattgcc taatattagg gaggactcct gtaaagctca ctggttagaa gatcaagaca cttgggcctg gttctgcccc tggggggcat tgggtaattc cttgcagtct cccaggcctca cttgccctct gaacaagaaa gagggtggcat tgggtcgtcc ctccaggcct gtccagccct ggcactctct gtgagtcggt ttaggcagca gccccggaac agatgaggca ggcaggttg ggacgtttgg tcaggacagc ccaccgcaaa aagaaggagga aagaaagaaa agacaagaga agggaggaag gaggaggcg ggggaaggag gagaacaggag gaggagggac cacggggtgg aggggagata gacccagccc agagctctga gtggtttcct gttgcctgc cccccccccccccccccc</pre>	60 120 180 240 300 360 420 480 540 574
<210> 3 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Primer	
<400> 3 actagtagca gcttgtcttg tc	22
<210> 4 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Primer	
<400> 4 cttctcccct gtctctgtct t	21
<210> 5 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Primer	
<400> 5 aagacagaga cagggagaa g	21

<210> 6 <211> 22 <212> DNA

<213> Artificial Sequence	
<220> <223> Primer	
<400> 6 tacctcagtg gcaggcaggc ag	22
<210> 7 <211> 18 <212> DNA <213> Artificial Sequence	
<220> <223> Primer	
<400> 7 caggcaggcag	18
<210> 8 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Primer	
<400> 8 gegegetete egggeagtet g	21
<210> 9 <211> 19 <212> DNA <213> Artificial Sequence	
<220> <223> Primer	
<400> 9 tccaccaccc tgttgctgt	19
<210> 10 <211> 18 <212> DNA <213> Artificial Sequence	
<220> <223> Primer	
<400> 10 ctccaggcgc ttctcatt	18
<210> 11 <211> 19 <212> DNA <213> Artificial Sequence	
<220> <223> Primer	
<400> 11 accacagtcc atgccatca	19

<210> 12 <211> 19 <212> DNA <213> Artificial Sequence <220> <223> Primer <400> 12

tccaccaccc tgttgctgt

19